

ASSAP MOPS Group Telecon Minutes #18

The attendees included the following:

Last Name	First Name	Organization
Bachman	Larry	APL
Burns	Bob	FAA TC
Callaham	Michael	MITRE
Eich	Tom	ACSS
Eftekari	Robert	MITRE/CAASD
Hammer	Jonathan	MITRE/CAASD
Moody	Chris	MITRE
Ramdeen	Steve	FAA
Walker	Don	Honeywell

The ASSAP MOPS group telecon, on 11 Sept 2007, started at 2 pm (Eastern Time). Jonathan, co-chair, started the meeting with reviewing the proposed agenda.

1. Tom Eich gave a status on the latest draft MOPS requirements:
 - a. At the last meeting, the draft MOPS requirements were split into multiple sections and given to each owner to update and maintain independently.
 - b. Since the last meeting, Tom Eich only received an updated test section file from Bob Burns. Tom Eich also completed the I/O section; and the ASSAP to CDTI I/O sub-section was also reviewed with the CDTI group during their previous telecon.
 - c. Chris Moody mentioned that some of his sections contained yellow highlighted text and asked if anyone knew the history of being there. No one recalled their history of being there.
 - d. The draft MOPS requirements will be assembled before the next meeting. Everyone should send their latest sections to Tom Eich a week before the next meeting. MITRE may be able to help assemble the document.
 - e. The aircraft scenarios for the test section will be drafted before the next meeting.
2. Robert Eftekari gave a status on the ASSAP simulation:
 - a. Robert made some revisions to the algorithm in order to reduce CPU usage. These revisions will be reflected in the MOPS appendix for the next meeting.
 - b. The algorithm was not compatible with DO260A reports since all the parameters are not estimated to a common time. For DO260A reports, a state assembler was added that estimates the position and velocity parameters allowing for a smooth track. The degenerate Kalman filter only estimates linearly. Tom Eich questioned whether the degenerate Kalman filter for linear estimation is satisfactory since the worst case track coast is only 24.2 seconds. Jonathan and Robert said that the report filter is needed to smooth that track.

3. Action Item List Status (Reference ASSAP-WP18-03):
 - a. AI#85 closed. Chris Moody verified that the scope of the first 5 applications is already discussed in the draft MOPS.
 - b. AI#89 closed. Jonathan verified with MITRE's legal department concerning the release of the ASSAP algorithm to the public with no issues.
4. Jonathan will draft an agenda for the next meeting at RTCA headquarters in Washington, DC on October 2-4, 2007. A SC-186 plenary is also scheduled for October 5, 2007.
5. Telecon ended at 3:00PM.